

**AIR NATIONAL GUARD**  
117<sup>TH</sup> AIR REFUELING WING (AMC)  
SUMPTER SMITH JOINT NATIONAL GUARD BASE  
BIRMINGHAM, ALABAMA 35217

**ACTIVE GUARD RESERVE (AGR) – MILITARY VACANCY ANNOUNCEMENT # 22-007**

**OPEN DATE: 6 November 2021**

**EXPIRATION DATE: 5 December 2021**

**Open To: STATEWIDE**

**Number of Positions: 1**

**Position Title: CYBER TRANSPORT SYSTEMS**

**Func Code: 38B000**

**PEC #: 55208G**

**UMDA Position #: 0082817334**

**AFSC: 3D152 Eligible**

**ASVAB Req'd: Elec 70 / 60\* (E:70; or E: 60 and Cyber-Test\* 60 )**

**Grade: A1C - SSgt**

**Security Clearance: Top Secret Required**

**Selecting Official: Lt Col Matthew Burns**

**HRO Remote: MSgt Jerica Waters (205)714-2686**

If your current grade exceeds the maximum grade of this announcement, you must submit a written statement indicating willingness to accept an administrative reduction.

### APPLICATION REQUIREMENTS

1. Signed NGB Form 34-1, <https://www.ngbpdc.ngb.army.mil/Portals/27/forms/ngb%20forms/ngb34-1.pdf?ver=2018-09-28-105133-833>
2. Current Report of Individual Personnel (RIP): Obtain from Virtual Military Personnel Flight (vMPF)
3. AF Form 422: Must be signed and verified within 6 months from your Medical Group
4. Air Force Fitness Management System II (AFFMSII) Fitness Report: Must be Current and passing
5. All applications must be submitted with a completed AGR Eligibility Checklist, found in ANGI 36-101. Your unit's HRO Remote Designee or the appropriate FSS representative must complete this checklist.

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Mail or hand carry completed application packages to:

JFHQ-AL MDM  
ATTN: MSG John D. Kilpatrick  
P.O. Box 3711  
Montgomery, AL 36109-0711  
[john.d.kilpatrick.mil@mail.mil](mailto:john.d.kilpatrick.mil@mail.mil)

## CYBER TRANSPORT SYSTEMS

**1. Specialty Summary.** Deploys, sustains, troubleshoots and repairs standard voice, data and video network infrastructure systems, IP detection systems and cryptographic equipment. Performs, coordinates, integrates and supervises network design, configuration, operation, defense, restoration, and improvements. Analyzes capabilities and performance, identifies problems, and takes corrective action. Fabricates, terminates, and interconnects wiring and associated network infrastructure devices. Related DoD Occupational Subgroups: 11 5000 and 162200.

### **2. Duties and Responsibilities:**

- 2.1. Provides voice, data and video services. Installs, upgrades, replaces, configures and maintains systems/circuits/IP-based intrusion detection/long haul communications systems that access military, federal and commercial networks. Manages infrastructure devices and systems using the latest approved software tools. [DCWF Code - 441]
- 2.2. Deploys and operates expeditionary communications systems. Uses agile logistics support channels to sustain continuous network operations. Removes, repairs and replaces assemblies and subassemblies to optimally sustain voice, data and video networks. [DCWF Code - 441]
- 2.3. Establishes restoral and job priorities, maintains, tests, troubleshoots, and repairs voice and network systems equipment and circuits utilizing tools and test equipment. Isolates malfunctions using diagnostic software, technical data, block diagrams, voltage and waveform measurements, and other tests requiring specialized test equipment. [DCWF Code - 521]
- 2.4. Monitors performance of systems and circuits. Coordinates with coalition forces, DoD agencies and other service providers to analyze and isolate performance faults and implement corrective actions. Checks equipment for serviceability and performs preventive maintenance. Isolates faults by coordinating with commercial service providers and depots to test system components and assemblies. [DCWF Code - 521]
- 2.5. Maintains and administers voice, network and circuit databases, records and forms. Interprets sketches and layout drawings for placement of distribution systems. Coordinates request for service orders. Reviews, recommends, and implements changes to communications-computer systems installations records (CSIR), technical data, engineering drawings, and equipment wiring diagrams. Updates and verifies entries on system, facility, maintenance, and inspection records. Initiates, tracks, and maintains shipping, receiving, supply, and equipment documents. [DCWF Code - 441, 521]
- 2.6. Conducts periodic inspections of systems installations and repair activities. Interprets inspection reports and implements corrective actions, documents inspection and maintenance actions.
- 2.7. Reviews and maintains operational measurement reports and analyzes network utilization. Ensures equipment and components meet installation practice technical order and accepted commercial installation specifications. [DCWF Code - 441]
- 2.8. Applies communications security programs to include physical, cryptographic, transmission, and emission security. Develops and ensures compliance with safety standards and instructions.
- 2.9. As a 3D1X2R performs, coordinates, integrates and supervises network design, configuration, operation, defense, restoration, and improvements on radio frequency wireless, line-of-sight, beyond line-of-sight, wideband, and ground-based satellite and encryption transmission devices in a fixed and deployed environment. Analyzes capabilities and performance, identifies problems, and takes corrective action. Deploys, sustains, troubleshoots and repairs standard radio frequency mission-specific systems and devices. Establishes and maintains circuits, configures and manages system and network connectivity.
- 2.10. As part of the Cyberspace Support career field family, performs IT project management duties to include; manage, supervise, and perform planning and implementation activities. Manages implementation and project installation and ensures architecture, configuration, and integration conformity. Develops, plans, and integrates base communications systems. Serves as advisor at meetings for facility design, military construction programs and minor construction planning. Evaluates base comprehensive plan and civil engineering projects. Monitors the status of cyber or communications-related base civil engineer work requests. Performs mission review with customers. Controls, manages, and monitors project milestones and funding from inception to completion. Determines adequacy and correctness of project packages and amendments. Monitors project status and completion actions. Manages and maintains system installation records, files, and indexes. Evaluates contracts, wartime, support, contingency and exercise plans to determine impact on manpower, equipment, and systems. [DCWF Code - 802]
- 2.11. As part of the Cyberspace Support career field family, conducts defensive cyber operations (DCO) and associated support activities to defend DoD and other friendly cyberspace. DCO includes passive and active cyberspace defense operations to preserve the ability to utilize friendly cyberspace capabilities and protect data, networks, net-centric capabilities and other designated systems as well as passive defense measures intended to maintain and operate the DODIN and other networks such as configuration control, patching and firewall operations. Support activities includes but not limited to maintenance of cyber weapons systems, functional mission analysis, mission mapping, tool development, stan-eval, mission planning and data analysis. [DCWF Code - 511, 521, 531, 541]

**3. ★ Specialty Qualifications:**

3.1. Knowledge. Knowledge of electronic and network principles, information assurance, telephony, copper and fiber-optic transmission principles, cryptographic techniques, network system installation practices, project and circuit diagram interpretation, test equipment, special tools, and management practices is mandatory.

3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Additional courses in mathematics, computer science, computer principles or information technologies is desirable. Any computing or network commercial certification is desirable.

3.3. Training. For award of AFSC 3D132, completion of Cyber Transport initial skills course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 3D152. Qualification in and possession of AFSC 3D132. Also, experience in installation, maintenance, and repair of voice, data and video network infrastructure and cryptographic equipment.

3.4.2. 3D172. Qualification in and possession of AFSC 3D152. Also, experience in supervising installation, maintenance, and repair of voice, data and video network infrastructure and cryptographic equipment.

3.5. Other: The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.

3.5.1.2. See Attachment 4 for additional entry requirements.

3.5.2. For award and retention of this AFSC:

3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.

3.5.2.2. Specialty routinely requires work in the networking environment.

3.5.2.3. Must attain and maintain a minimum Information Assurance Technical Level II certification IAW AFMAN 17-1303, *Cybersecurity Workforce Improvement Program* and to DoD 8570.01-M, *Information Assurance Workforce Improvement Program*.

3.5.2.4. Specialty requires routine access to Tier 5 (T5) information, systems or similar classified environments.

3.5.3. For award and retention of AFSCs 3D152/72:

3.5.3.1. Completion of a current T5 background investigation according to AFMAN 16-1405, *Personnel Security Program Management* is mandatory.

3.5.3.2. Must maintain a T5 clearance for retention of this AFSC.

**NOTE:** Award of entry level without a completed T5 Investigation is authorized provided an interim Top Secret security clearance has been granted according to AFMAN 16-1405.